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# Congress of the United States

## House of Representatives

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### House Defense Authorization Request FY 2010

**Project Name:** Protective gear development through MIST: Man-In-Stimulant-Test Chamber

**Recipient:** North Carolina State University

**Recipient Address:** Office of Contracts and Grants, Campus Box 7214, Administrative Services III

**Recipient City:** Raleigh

**Recipient State:** NC

**Recipient Zip:** 27695

**Amount of Authorizing Request:** \$1,000,000

**Explanation of the request (must include purpose and why it is a valuable use of taxpayer funds):**

The proposed project builds on successful operation of the MIST test facility at North Carolina State University. MIST Manikin will make military and civilian protective garments better, less expensive to improve and safer to wear. Taxpayers will benefit from reduced injuries to military and civilian responders and improved safety and reduced cost of protective gear used by the military. The unique facilities of the Man in Stimulant Test Chamber provide the basis for advancing the state of scientific understanding of both barrier protective performance and of physiological factors in wearing protective clothing ensembles. A successful outcome will provide both a powerful tool for testing, development, and research on realistic models of protection and heat management in ensemble systems.

*In order to offer more opportunity for public scrutiny, I have posted information on each project request submitted to the Appropriations Committee at the time the request was made.*

Rep. Brad Miller

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